

Tool Instruction EXTENSION LEG – 13L INJECTOR PULLER

4328372R2

Tool Number: 12-453-01-01



0000391321

Figure 1. 12-453-01-01 Extension Leg – 13L Injector Puller.

Purpose

Essential tool used in conjunction with ZTSE4770 13L Injector Puller to assist with injector removal on engines equipped with a composite dust cover.

Application(s)

MaxxForce® 11 and 13 (EPA 10)

2013 - 2014 Navistar® N13 (EPA 10)

2015 Navistar® N13 (EPA 10)



GOVERNMENT REGULATION: Engine fluids (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluids and other contaminated materials (such as filters or rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.

Application(s) (cont.)



⚠ WARNING: To prevent property damage, personal injury, and / or death, read all safety instructions in the “Safety Information” section of the *Engine Service Manual* or *Engine Diagnostic Manual*.

⚠ WARNING: To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in either direction.

⚠ WARNING: To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

Tool Contents

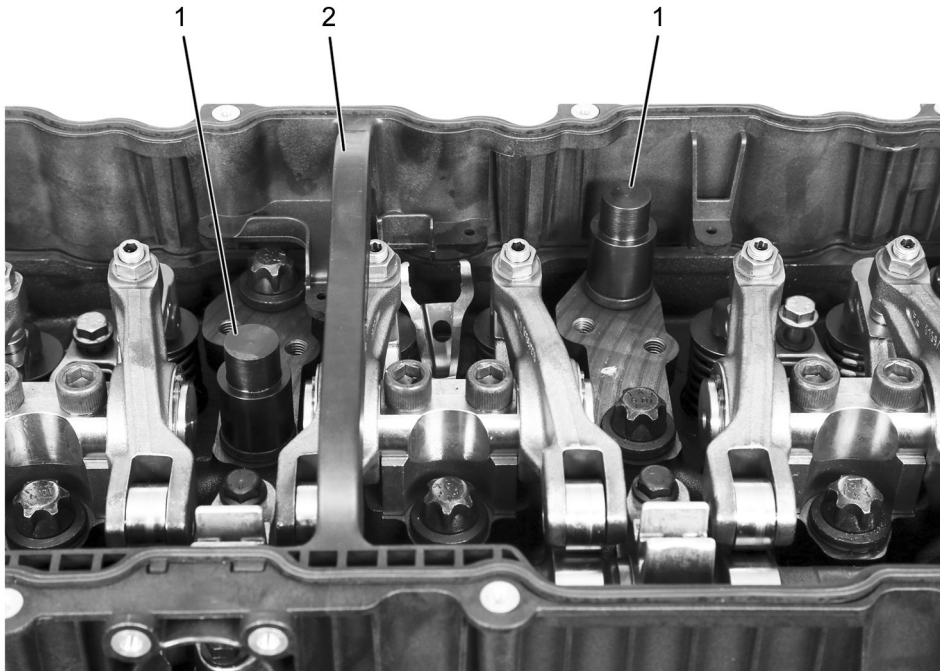
Table 1

Image	Tool Number	Qty	Description
 <p>0000391322</p>	12-453-01-01	2	Extension Leg – 13L Injector Puller
 <p>0000160075</p>	4328372R1	1	Tool Instruction

Instructions

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Install wheel chocks.
4. Unlatch and open hood.
5. Access fuel injector. Refer to appropriate service manual, service bulletin, or equivalent for detailed instruction.

Instructions (cont.)

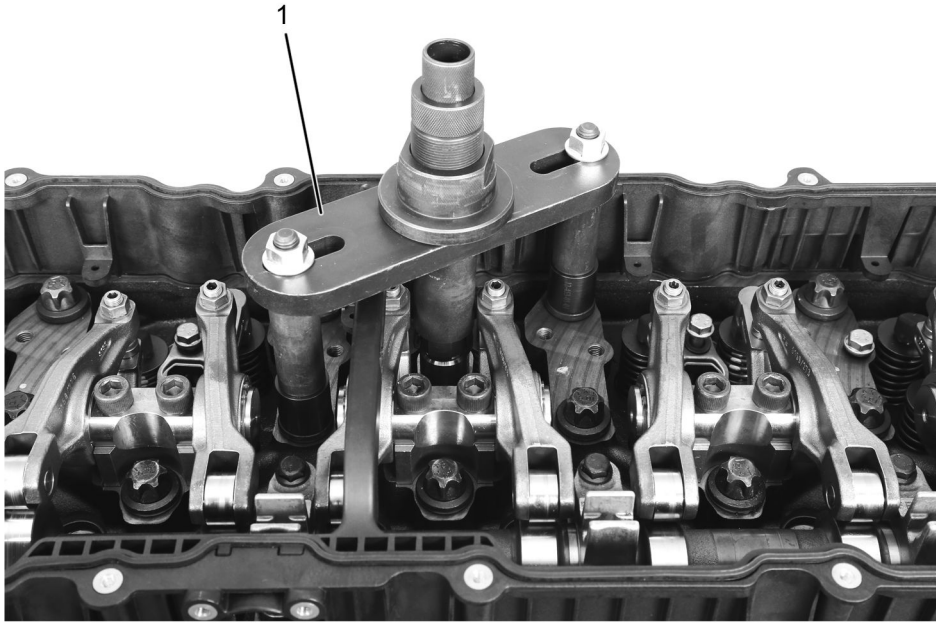


0000391323

Figure 2. Extension Leg.

1. Extension leg (2)
 2. Composite valve cover center support
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6. Locate the valve cover center support (Figure 2, Item 2).
 7. Position extension legs (Figure 2, Item 1) on opposite cylinder head bolts.

Instructions (cont.)



0000391324

Figure 3. ZTSE4770 13L Injector Puller.

1. Injector puller

NOTE: It is recommended to use the extension legs only on injectors where the valve cover support may interfere.

8. Using ZTSE4770 Injector Puller (not included in this kit), position and install injector puller (Figure 3, Item 1) onto extension legs.
9. Using injector puller, remove fuel injector. Refer to appropriate service manual, service bulletin, or equivalent for detailed instruction.
10. Using ZTSE4777 Injector Installer (not included in this kit), install previously removed / replacement injector. Refer to appropriate service manual, service bulletin, or equivalent for detailed instruction.
11. Install necessary components removed for access. Refer to service manual, service bulletin, or equivalent for detailed instruction.
12. Close and latch hood.
13. Remove wheel chocks.

Contact Information

If you would like to order additional tools or need replacement parts, please refer to the Navistar Service Tool Catalog. If you have questions, concerns, or feedback, please contact Navistar Service Tool Support Center:

- Submit a Service Tool iKNOW Case File.
- Phone: 800-365-0088 (toll free).